We claim.

1. A method for correcting misregistration of scanned thin line character components, comprising:

detecting a misregistered pixel;

determining whether the misregistered pixel is part of a character,

applying a three-dimensional color vector determinant to the misregistered pixel;

and

reducing the chrominance component of the misregistered pixel to provide a corrected pixel.

2. The method of claim 1 wherein said detecting include identifying a pixel as being at an edge of an image portion.

3. The method of claim 2 wherein said identifying includes identifying a pixel as being at an edge of an image portion using a gradient edge detector, including selecting an image kernel filter, having integer values GTE -2 and LTE +2, including zero, setting a predetermined threshold, comparing the image filter kernel to the predetermined threshold, and classifying the pixel as a misregistered pixel IFF the image filter kernel is greater than the predetermined threshold

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- 4. The method of claim 1 wherein said determining includes checking the gradient and checking the luminance of a pixel.
- 5. The method of claim 1 wherein said reducing includes reducing the chrominance component of the misregistered pixel to provide a corrected pixel with a fuzzy chrominance reduction function.
- 6. The method of claim 1 which further includes locating an edge pixel position and classifying the edge position pixel as a text region.

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7. A method for correcting misregistration of scanned thin line character components, comprising:

detecting a misregistered pixel, including identifying a pixel as being at an edge of an image portion,

determining whether the misregistered pixel is part of a character, including checking the gradient and checking the luminance of a pixel;

applying a three-dimensional color vector determinant to the misregistered pixel, and

reducing the chrominance component of the misregistered pixel to provide a corrected pixel

- 8. The method of claim 7 wherein said identifying includes identifying a pixel as being at an edge of an image portion using a gradient edge detector, including selecting an image kernel filter, having integer values GTE -2 and LTE +2, including zero, setting a predetermined threshold, comparing the image filter kernel to the predetermined threshold, and classifying the pixel as a misregistered pixel IFF the image filter kernel is greater than the predetermined threshold
- 9. The method of claim 7 wherein said reducing includes reducing the chrominance component of the misregistered pixel to provide a corrected pixel with a fuzzy chrominance reduction function.

The method of claim 7 which further includes locating an edge pixel position and classifying the edge position pixel as a text region.

11. A method for correcting misregistration of scanned thin line character components, comprising

detecting a misregistered pixel, including identifying a pixel as being at an edge of an image portion, wherein said identifying includes identifying a pixel as being at an edge of an image portion using a gradient edge detector, including selecting an image kernel filter, having integer values GTE -2 and LTE +2, including zero, setting a predetermined threshold, comparing the image filter kernel to the predetermined threshold, and classifying the pixel as a misregistered pixel IFF the image filter kernel is greater than the predetermined threshold;

determining whether the misregistered pixel is part of a character, including checking the gradient and checking the luminance of a pixel;

applying a three-dimensional color vector determinant to the misregistered pixel; and

reducing the chrominance component of the misregistered pixel to provide a corrected pixel.

- The method of claim 11 wherein said reducing includes reducing the chrominance component of the misregistered pixel to provide a corrected pixel with a fuzzy chrominance reduction function.
- The method of claim 11 which further includes locating an edge pixel position and classifying the edge position pixel as a text region